

# RECAP

TARAgam YATRA

Day 2

19<sup>th</sup> Sep 2010

# Agenda

- Green Jobs: What they are and how we promote them
- Building Blocks for Green growth: Overview
- Factors: Technology, Skills, Knowledge, Finances, Institutions, Markets
- Group Work
- YATRA to the villages

# Green Jobs

- The green jobs are those jobs which are essentially **decent and environmentally sustainable**
- Huge number of jobs may require transformation and thus have major impacts on the lives of the people
- Major bottlenecks for green jobs include access to skills, technology and finance
- The challenge is to change mind-sets /attitudes
- There is huge disconnect between Energy and Employment
- The potential of greening is across the economy some of high potential opportunities are:
  - Energy efficiency
  - Renewable Energy
  - Mobility
  - Recycling
  - Sustainable Agriculture
- Green jobs has potential to create 100 million plus jobs
- We need to act as a promoter rather than facilitator, we are missing critical function of an aggregator
- Eco tax and other fiscal measures may be needed to push the green jobs agenda

# Overview of Building Blocks

- Differentiating between “sustainable development” and “green growth”
- Key concerns:
  - Infrastructure
  - Green products and services, with min impact on environment
  - Eco Tax
  - Sustainable agriculture
  - Economic Efficiency
  - Focus on Markets and Technologies for poor

# Building Blocks: Technology

- Technology for
  - improving quality of life and status of economic growth
  - maximizing economic gains for the MSME
- For green economic growth: technology that looks at regeneration of resources and maintenance of natural capital
- Pre requisites: packaging tech solutions, seeding and maturation, contextualizing
- Hardware and software aspects
- Business models
- Incubation and Liberation of Technology

# Skills and Knowledge

- Work of Wadhvani foundation on employment for underprivileged youth
- Stakeholders – 3 Ps :
  - Public – creating enabling eco-sphere
  - Private – providing linkages
  - People – parents / youth / community
- Each govt should set up a green jobs missions
- All jobs in green enterprises may not necessarily be green
- The bio centric world view for knowledge sharing
- MAIN: Mitigation Adaptation Information Network—an example
- Knowledge platforms to be shaped up by the community which uses it

# Institutions

- Relationship between Growth and environment
- How to decrease the gap between how much we take and give back to nature?
- Increasing gap also means inc in nature of complexity, and limitations in the extent to which it can be filled.
- Observation on the NGO sector and decreasing enthusiasm/optimism and activism, as compared to how it was during the 70s.
- Not to reinvent the knowledge and practices but harness the existing rich base and use it for policy changes
- To look at the business of social change in a more professional way
- Governance==structure and systems that we set up in society to guide our conduct
- What are the institutional forms that can address attitude and behavior change in the context of complexity?

# Finance and Markets

- Key Concerns:
  - Quantum and cost effectiveness
  - Access to markets and therefore returns
  - Fiscal incentives
  - Regulations to drive investment in green economy sectors
  - Awareness and attitudinal change
  - Subsidies, viability gap funding
- Preferred Operator Model – quality of life and ecosystem services
- RE Markets—issues and challenges
  - Barriers in off grid scenario
    - Low investor confidence
    - Supply and demand issues
  - Alternatives:
    - Demonstration of successes
    - Investments in HR and CB
    - Demand side—build the ecosystem
    - Solar solutions
    - Hybrid model of SPEED
    - Telecom sector as a market



# Group Work

## **Group A: Technologies**

- Reliable, affordable, locally manageable O&M by locals
- Economics and affordability
- Communication and Education—Drivers
- Technology targeted at the poor
- Pricing based on quality
- Market driven options
- Environmental governance: Right technology at the right place, in right time and at right cost

# Group Work

## **Group B: Skills and Capacity Building**

- What is “Scale”?
- Institutions for Mapping best practices
- Building strong Foundational base
- The Apprentice Model
- Needs assessment and building local capacities
- Role of aggregating institutions
- Funds for incubation and skill building
- Local Agenda 21—can we look at it and customize?

# Group Work

## **Group C Green markets**

- Communication for behavior change of consumers
- Public Private Community partnerships for opening new markets
- New institutions and evaluation of existing institutions needed
- Public/government procurement of green products
- Collective resource management by community
- Identification of technologies for commercialization
- Bankability of green enterprises
- Incubator organization required for market aggregation
- Role of government as a market moderator